

ABSTRACT

The present invention 10 discloses a plurality of different fastening means that can connect a vacuum pole 14 to an automatic pool cleaner 12 so that the user can selectively relocate and direct the pool cleaner 12 to locations in a pool 18 that were previously missed or not yet cleaned. The vacuum pole 14 is an extending cylindrical pole having a throughbore 34 wherein a pole attachment means 26 having a similar construction may be inserted and secured therein, being held structurally by a compression clip 44 having securing pins 32 that compress to then extend through securing holes 34, and frictionally by protrusions 38 that align into depressions 40. Secured within, and extending outward from the pole attachments is a universal ball joint 26 connected within a connection member 42 cavity 43 to provide a highly maneuverable surface wherein a selected fastener maybe attached thereto. To connect the pole attachment's mating fastener to the automatic pool cleaner, a fastener attachment plate 56 is provided. The fastener attachment plate 56 has a bottom surface replicating the structure of the automatic pool cleaner 12 so that it may be attached thereto by an adhesive or other bonding means 28. The top surface of the plate 56 has attached thereto the mating fastener for the pole attachment 24. Alternative means for attachment include hook and loop material 20, 22, a hook 48 and ring 46 fastener, a mating male and female threaded fastener 52, 54, a mating male and female bayonet fastener 62, 64, and a suction cup 64.